

# NU213E.M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

|             |                |                |                 |
|-------------|----------------|----------------|-----------------|
| d [mm]      | 65             | $D_1$ [mm]     | $\approx 102.5$ |
| D [mm]      | 120            | $r_{1,2}$ [mm] | 1.5             |
| B [mm]      | 23             | $r_{3,4}$ [mm] | 1.5             |
| Weight [kg] | $\approx 1.16$ | s [mm]         | 2.1             |
| F [mm]      | 78.5           |                |                 |



### Mating dimensions

|                    |     |
|--------------------|-----|
| $d_{a, \min}$ [mm] | 74  |
| $d_{a, \max}$ [mm] | 77  |
| $d_{b, \min}$ [mm] | 81  |
| $D_{a, \max}$ [mm] | 111 |
| $r_{a, \max}$ [mm] | 1.5 |
| $r_{b, \max}$ [mm] | 1.5 |

### Calculation data

|                                |      |
|--------------------------------|------|
| C [kN]                         | 111  |
| $C_0$ [kN]                     | 123  |
| $C_u$ [kN]                     | 16.1 |
| $n_{th}$ [ $\text{min}^{-1}$ ] | 4966 |
| $n_g$ [ $\text{min}^{-1}$ ]    | 7800 |